Title (en)
A MOUNTING ARRANGEMENT FOR MOUNTING AN AIR-BAG MODULE

Title (de)
BEFESTIGUNGSANORDNUNG ZUR BEFESTIGUNG EINES AIRBAG-MODULS

Title (fr)
APPAREILLAGE DE MONTAGE POUR LE MONTAGE D'UN MODULE AIRBAG

Publication
EP 1957324 B1 20100106 (EN)

Application
EP 06824478 A 20061128

Priority
• SE 2006001341 W 20061128
• GB 0525059 A 20051208

Abstract (en)
[origin: WO2007067122A1] A mounting arrangement for mounting an air-bag module (33) to a hub (1) of a steering wheel. The hub (1) being provided with apertures (8,9) and cutaway sections (16,17) and a spring (32). The spring (32) being moveable from a release position in which parts of the spring (32) do not extend across the apertures (8,9) or the cutaway sections (16,17) to a locking position in which parts of the spring extend across the apertures (8,9) and the cutaway sections (16,17). The spring (32) is initially deformed and is held in the release position against blocking elements (22,23). The air-bag module (33) is provided with hooks (50-53) which are positioned on the air-bag module (33) to correspond to the positions of the apertures (8,9) and the cutaway sections (16,17) on the hub (1). The air-bag module (33) is provided with an actuation member (66) which, when the hooks (48,49) are inserted into the apertures (8,9), engages part of the spring (32) to urge the spring (32) out of engagement with the blocking elements (22,23). When the spring (32) is moved out of engagement with the blocking elements (22,23) the spring moves from the release position to the locking position and parts of the spring (32) extend into recesses (58a,59a,66,67) in the hooks (50-53) to lock the hooks (50-53) in position relative to the hub (1).

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Cited by
FR3099437A1; DE102018101322A1; WO2021018686A1; FR3112110A1; WO2022003089A1; DE112020003174T5; US11766980B2; DE102018101322B4

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